

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR 2005/003583

## A. CLASSIFICATION OF SUBJECT MATTER

IPC<sup>8</sup>: D06F 58/28 (2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>8</sup>: D06FDocumentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, WPI, PAJ, TXTn

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 649 372 A (SOUZA) 22 July 1997 (22.07.1997) <i>figures 1, 4 - 8, column 2, line 36 - column 3, line 2, column 4, line 26 - column 5, line 52.</i> --	1-3, 5-10, 12, 13, 16
X	EP 0 481 442 A2 (SHARP KABUSHIKI KAISHA) 22 April 1992 (22.04.1992) <i>figures 2, 15, abstract, page 5, lines 26-29, page 8, lines 4, 5.</i> --	1, 3, 4
X	US 2004/0168344 A1 (PARK) 2 September 2004 (02.09.2004) <i>figure 4, paragraphs [0029] - [0031].</i> --	1, 7, 8

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search  
12 January 2006 (12.01.2006)Date of mailing of the international search report  
25 January 2006 (25.01.2006)Name and mailing address of the ISA/ AT  
**Austrian Patent Office**  
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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X P,A	US 2005/0091876 A1 (YANG) 5 May 2005 (05.05.2005) <i>figures 1, 2, paragraphs [0024], [0027], [0028].</i> —	1, 2, 7-10, 12, 16 11, 14

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
**PCT/KR 2005/003583**

Patent document cited in search report			Publication date		Patent family member(s)	Publication date
EP	A	481442			US A 5207764	1993-05-04
					EP A2 0481442	1992-04-22
					DE T2 69112333T	1996-03-28
					DE D1 69112333D	1995-09-28
					CA A1 2053445	1992-04-17
					JP A 5042288	1993-02-23
US	A	20040168344			none	
US	A	20050091876			none	
US	A	5649372	1997-07-22		none	